

In the Claims:

Please amend the claims as follows:

1. (currently amended) A bushing for an electrical device, comprising:
~~an insulating core (1, 7, 9), characterized in that at least a part of the insulating core (1, 7, 9) comprises partially comprising~~ a continuous diffusion barrier (2, 8) comprising a continuous film with firm adhesion to the insulating core (1, 7, 9).
2. (currently amended) A The bushing according to claim 1, ~~characterized in that wherein~~ the insulating core (1, 7, 9) is hollow and that at least part of the inside of the insulating core (1, 7, 9) is coated with the diffusion barrier (2, 8).
3. (currently amended) A The bushing according to ~~any of the preceding claims,~~ characterized in that claim 1, wherein the insulating core (1, 7, 9) comprises a body of epoxy resin impregnated paper.
4. (currently amended) A The bushing according to ~~any of the preceding claims,~~ characterized in that claim 1, further comprising:
an outer hollow insulator (10) is arranged outside the insulating core (1, 7, 9), and
wherein that at least a part of the outer hollow insulator (10) is coated with the diffusion barrier (11, 12).

5. (currently amended) A The bushing according to ~~any of the preceding claims,~~
~~characterized in that claim 1, wherein~~ essentially the whole surface of the outer hollow insulator
(10) is coated with the diffusion barrier (11, 12).

6. (currently amended) A The bushing according to ~~any of the preceding claims,~~
~~characterized in that claim 1, wherein~~ the diffusion barrier (2, 8, 11, 12) comprises at least one of
the following: an organic film or an organic/inorganic hybrid film.

7. (currently amended) A The bushing according to ~~any of the preceding claims,~~
~~characterized in that claim 1, wherein~~ the diffusion barrier (2, 8, 11, 12) comprises a multi-layer
film.

8. (currently amended) A The bushing according to ~~any of the preceding claims,~~
~~characterized in that claim 1, wherein~~ the diffusion barrier (2, 8, 11, 12) comprises particles of
hybrid or inorganic nature.

9. (currently amended) A The bushing according to ~~any of the preceding claims,~~
~~characterized in that claim 1, wherein~~ the diffusion barrier (2, 8, 11, 12) has a coefficient of
water permeability smaller than 0,1 0.1 g.m⁻¹.day⁻¹.

10. (currently amended) A The bushing according to ~~any of the preceding claims,~~
~~characterized in that claim 1, wherein~~ the diffusion barrier (2, 8, 11, 12) is deposited on at least
part of the insulating core (1, 7, 9) and/or the outer hollow insulator (10) by one of the following

methods; dipping, painting, spraying, plasma arc, sol-gel technology, Physical Vapor Deposition (PVD) or Chemical Vapor Deposition (CVD).

11. (currently amended) A method for manufacturing a bushing for an electrical device, the bushing comprising an insulating core (1, 7, 9), characterized in the method comprising: coating at least a part of the insulating core (1, 7, 9) with a continuous diffusion barrier (2, 8) comprising a continuous film with firm adhesion to the insulating core (1, 7, 9).

12. (currently amended) A The method according to claim 11, characterized in that wherein the insulating core (1, 7, 9) is hollow, and wherein in coating at least part of the inside of the insulating core (1, 7, 9) is coated with the diffusion barrier (2, 8).

13. (currently amended) A The method according to any of claims 11-12, characterized in claim 11, further comprising:

arranging an outer hollow insulator (10) outside the insulating core (1, 7, 9), and coating at least a part of the outer hollow insulator (10) with the diffusion barrier (11, 12).

14. (currently amended) A The method according to any of claims 11-13, characterized in coating claim 11, wherein essentially the whole surface of the outer hollow insulator (10) is coated with the diffusion barrier (11, 12).

15. (currently amended) A The method according to any of claims 11-14, characterized in claim 11, wherein coating the insulating core (1, 7, 9) and/or the outer hollow insulator (10) is

coated with the diffusion barrier (2, 8, 11, 12) comprising at least one of the following;: an inorganic film, an organic film or an organic/inorganic hybrid film.

16. (currently amended) A The method according to ~~any of claims 11-15, characterized~~ in claim 11, wherein coating the insulating core (1, 7, 9) is coated with a diffusion barrier (2, 8, 11, 12) comprising a multi-layer film.

17. (currently amended) A The method according to ~~any of claims 11-16, characterized~~ in claim 11, wherein depositing the diffusion barrier (2, 8, 11, 12) is deposited on at least part of the insulating core (1, 7, 9) and/or the outer hollow insulator (10), by one of the following methods;: painting, dipping, spraying, plasma arc, sol-gel technology, Physical Vapor Deposition (PVD) or Chemical Vapor Deposition (CVD).